

## **Electronics Engineer (FH /Uni) for German Antarctic research base "Neumayer-Station III"**

The Alfred-Wegener-Institute for Polar and Marine Research (AWI) Foundation conducts a long-term research program at the Neumayer Station in the Antarctic that includes scientific areas such as meteorology, chemistry and geology. In addition, the observatory station serves as a logistical base for airplane missions over the Antarctic continent during the Antarctic summer as well as field expeditions that lead far across the continental ice sheet.

The Neumayer Station is staffed all year round. In order to secure its technical operation the Alfred-Wegener-Institute works very closely with the Reederei F. Laeisz GmbH also being responsible for the recruitment of all technical personnel.

Every year we are looking for an

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who would like to take up the challenge of working at the polar research base.

Successful applicants must be able to cooperate with a small team in the seclusion of an Antarctic station over a period of many months. For that reason, a prudent and capable conduct, sense of responsibility and team spirit as well as good health and physical fitness are essential.

Knowledge and practical experience in the areas of electronics, high frequency technology and metrology, system administration (Windows, Solaris 10, Linux, incl. usual applications), network administration (TCP/IP, Cisco IOS), radiotelephony (e.g. of marine radio, air-ground communication or amateur radio) are required for this post. Within the scope of duties as radio operator a good command of English is essential. The main duty of this post consists of the operation and maintenance of the station's communication technology (Intelsat, Inmarsat, Iridium, HF and VHF radio) as well as the complex computer network of Sun workstations and PCs. The electronics engineer is responsible for the serviceability of the scientific equipment in close cooperation with the responsible scientists at the observatories (geophysics, meteorology, atmospheric chemistry, marine acoustic). Other duties include maintenance, upkeep and minor repairs in the station's electronics area (electronics laboratory, building management system, computer hardware, automotive engineering).

During the Antarctic winter, the research base personnel consists of a doctor, four scientists, a station engineer, a cook, an electrical engineer and an electronics engineer. During the summer months at times up to fifty scientists and technicians work at the research base. The preparation for the expedition takes four months. The subsequent time on duty onboard the station, including the wintering, lasts 12 months.

A fixed-term employment contract for the maximum duration of two years and with attractive payment terms, including additional payments and vacation terms is offered for the wintering period.

**Date of employment: each 1st August for the current year.**

We seek to increase the amount of women among the scientific and technical expedition staff and specifically invite qualified female electronics engineers to submit their applications.

Please send your complete application papers (cover letter, curriculum vitae, letter of motivation, passport sized photograph, references and details of previous work experience) no later than **28th February of the current year** to:

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For further information: [www.awi.de](http://www.awi.de) and [www.laeisz.de](http://www.laeisz.de)